

- 40 -

## WHAT IS CLAIMED IS:

1. A pants-type disposable wearing article comprising:

a liquid-impervious base sheet defining front and rear  
5 waist regions opposed to each other and a crotch region  
extending between said front and rear waist regions;

a liquid-absorbent panel extending over said crotch  
region and further into said front and rear waist regions;

said base sheet having, in said front and rear waist  
10 regions, a waist-surrounding end zone extending in a transverse  
direction, a pair of waist lateral zones extending in a  
longitudinal direction and, in said crotch region, a pair of  
crotch lateral zones extending in a leg-surrounding direction,

said base sheet being provided with a waist-surrounding  
15 first elastic member extending in the transverse direction  
along said waist-surrounding end zone so as to be contractible  
in said transverse direction, a plurality of waist-surrounding  
second elastic members lying below said first elastic members  
so as to be contractible in said transverse direction and a  
20 plurality of leg-surrounding elastic members extending along  
said crotch lateral zones in a leg-surrounding direction so as  
to be contractible in said leg-surrounding direction, said  
second elastic members being spaced apart one from another by

- 41 -

a predetermined dimension from at least one of said front and rear waist regions toward said crotch region in said longitudinal direction, and said waist lateral zones being connected together to form a waist-hole and a pair of leg-holes,

5        said second elastic members having fixed portions secured to said waist lateral zones and said crotch lateral zones in vicinities of respective side edges of these lateral zones and free portions extending between said fixed portions across said panel in said transverse direction and secured neither to said  
10 base sheet nor to said panel; and

      said free portions of said second elastic members and said leg-surrounding elastic members three-dimensionally intersecting one another in said crotch lateral zones and ranges of said waist lateral zones placed aside toward said crotch  
15 region, at least said crotch lateral zones and not secured together at crossover points of these elastic members.

2.     The wearing article according to Claim 1, wherein said fixed portions of said second elastic members extending in said  
20 crotch region are placed aside toward said side edges of said crotch lateral zones compared to said leg-surrounding elastic members.

- 42 -

3. The wearing article according to Claim 1, wherein said second elastic members extending in said waist-region's lateral zones contract to a transverse dimension which is substantially the same as or slightly larger than a transverse dimension of said panel as measured between transversely opposite side edges.

4. The wearing article according to Claim 1, wherein:  
said base sheet comprises a first sheet lying on the side of said panel and a second sheet lying outside said first sheet; and

said first and second elastic members as well as said leg-surrounding elastic members are interposed between said first sheet and said second sheet.

5. The wearing article according to Claim 4, wherein:  
said base sheet has a third sheet interposed between said first sheet and said second sheet;

said second elastic members are interposed between said first and third sheets or between said second and third sheets;

said leg-surrounding elastic members are interposed between the pair of sheets other than the pair of sheets sandwiching said second elastic members; and

- 43 -

said second elastic members and said leg-surrounding elastic members are spaced apart one from another with said third sheet lying therebetween.

5 6. The wearing article according to Claim 4, wherein a plurality of welded spots at which the sheets sandwiching said second elastic members are formed in vicinities of the side edges of said panel so that said welded spots lie between each pair of adjacent free portions of said second elastic members  
10 and are spaced apart one from another by a predetermined dimension in said longitudinal direction.

7. The wearing article according to Claim 1, wherein said panel comprises a liquid-pervious upper layer sheet facing a  
15 wearer's skin, a liquid-impervious lower layer sheet facing away from the wearer's skin and a liquid-absorbent core interposed between said upper and lower layer sheets, at least said upper layer sheet and said core.